(19) World Intellectual Property Organization International Bureau



. 1 (1811 CULTUR DE CONTRACTO REGIO CULTO DE LO DE REGIO DE LO REGIO CULTO CULTO CULTO CULTO CULTO CULTO CULTO

(43) International Publication Date 15 September 2005 (15.09.2005)

PCT

(10) International Publication Number WO 2005/085536 A1

(51) International Patent Classification⁷: E01C 23/088 E02D 29/14,

(21) International Application Number:

PCT/US2004/004617

(22) International Filing Date: 17 February 2004 (17.02.2004)

(25) Filing Language:

English

(26) Publication Language:

English

(71) Applicant and

(72) Inventor: DAVIS, Richard, B. [US/US]; 897 23 Road, Grand Junction, CO 81505 (US).

(74) Agent: HARTZ, Edwin, L.; 2537 falls View Circle, Grand Junction, CO 81505 (US).

(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Declaration under Rule 4.17:

of inventorship (Rule 4.17(iv)) for US only

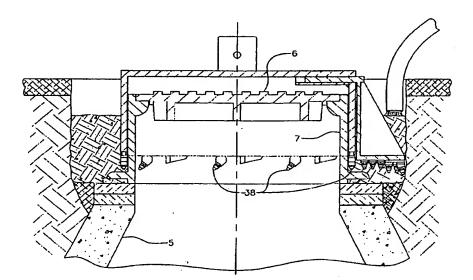
Published:

with international search report

with amended claims and statement

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: SETTING UTILITY ACCESS COVERS



(57) Abstract: Apparatus and method of setting access covers to grade wherein the apparatus includes rubblizing bits and a vacuum, the first rubblizing bit having a central core with attached carriers for teeth to grind the underlying material into small pieces, a second rubblizing bit to rubblize below the ring of the access, a third bit for trimming a step for a T-lock, and a fourth bit for milling around an access ring for resurfacing and the steps of rubblizing down to the area of the bottom of the ring and sucking out the material by vacuum, setting the height of the ring and cover, trimming a step for a T-lock, and milling around the ring and cover a selected distance.

005/085536 A1 ||||||||